

Table S1. Mouse-specific primer sequences used in RT-qPCR.

Genes	Forward	Reverse
GAPDH	5'-TTTGTCAAGCTCATTCCTGGTATG-3'	5'-TGGGATAGGGCCTCTCTTGC-3'
5-HT <sub>1A</sub>	5'-TACTCCACTTTCGGCGCTTT-3'	5'-GGCTGACCATTCAGGCTCTT-3'
5-HT <sub>2A</sub>	5'-GCAACCAGGAGGGGCTTAT-3'	5'-AAGAGCCGCAGGGAAAGTAG-3'
GABA <sub>A</sub> R $\alpha$ 2	5'-AGATTCAAAGCCACTGGAGGAA-3'	5'-GATGTTAGCCAGCACCAACC-3'
GABA <sub>A</sub> R $\alpha$ 3	5'-ATGCCTGCCCACTGAAGTTT-3'	5'-GCCATCCTGTGCTACTTCCA-3'
IL-6	5'-TACTCGGCAAACCTAGTGCG-3'	5'-GTGTCCCAACATTCATATTGTCAGT-3'
IL-1 $\beta$	5'-TGAAGGGCTGCTTCCAAACCTTTGACC-3'	5'-TGTCCATTGAGGTGGAGAGCTTTCAGC- 3'
PGD <sub>2</sub>	5'-GGCTCCTTCTGCCAGTTTTTC-3'	5'-CCAGGAGGACCAAACCCATC-3'
DPR	5'-CAGACGGGACAAGGGCTATG-3'	5'-ACATAAAAGACCGAGGGCGG-3'